

20001001.ba v02\_n998.bam.20001001

>From ???@??? Sun Oct 1 00:03:03 2000 -0500  
Date: Sun, 1 Oct 2000 00:00:54 CDT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2998  
Message-Id: <20001001050246.841AF219@devel43.theporch.com>

### BOATANCHORS Digest 2998

Topics covered in this issue include:

- 1) Re: Slow Scan TV  
by Michael Tallent <mtallent@concentric.net>
- 2) More NRI rig info? New scan.....  
by john <johnmb@mindspring.com>
- 3) Heath IG-5280 schematic needed ( CORRECTION )  
by Tom Norris <badger@telalink.net>
- 4) WTB: Collins 51J-2  
by Joe Eide <jeide@execpc.com>
- 5) New Admin Address for Listown  
by listown@nanniandjack.com (Mail List Owner)
- 6) Dow Key coax relay coil  
by Charles T Preston <k4ljh@juno.com>
- 7) "Rainchester" October 6 & 7th, 2000.  
by Michael Crestohl <mc@sover.net>
- 8) Items for Sale - TMC URA-28, Halli S77A, Nat'l NC125  
by Chuck Swiger <cswiger@widomaker.com>
- 9) Re: Dow Key coax relay coil  
by Steve Berg <z931086@corn.cso.niu.edu>
- 10) Power supply, tubes, etc for sale  
by Tom Norris <badger@telalink.net>
- 11) Value of a TR-3 with p.s.  
by jmccarty@lucent.com (John J Mccarty)
- 12) ST-7A/1N2637 question  
by Tom Norris <badger@telalink.net>
- 13) RE: ST-7A/1N2637 question  
by "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
- 14) Re: Racal ravings  
by Dick Dillman <ddillman@igc.org>
- 15) WTB Viking II Modulation Transformer  
by Allen Cutts <cacutts@mindspring.com>
- 16) web page  
by "Steve Hill" <shill@onaustralia.com.au>
- 17) One more surplus item: Measurements Corp. Model 59 GDO  
by cswiger <cswiger@wilma.widomaker.com>
- 18) WTB: Transformer

- by CEMILTON@aol.com
- 19) Buy/Trade For 1KW Johnson Transmatch  
by "Don Ehrlich" <ehrlich@olypen.com>
  - 20) Re: stray Knight meter  
by "Hue Miller" <kargokult@proaxis.com>
  - 21) FS Vacuum variable  
by dick a george <k6kwq@juno.com>
  - 22) Need Help on Triplet 630-PL  
by "Richard W. Solomon" <w1kszt@tiac.net>
  - 23) Need Ranger II info, please!  
by MODSTEPH@ACS.EKU.EDU
  - 24) Re: Buy/Trade For 1KW Johnson Transmatch  
by "Don Ehrlich" <ehrlich@olypen.com>

-----  
Message-ID: <39D3DB20.113F13B7@concentric.net>  
Date: Thu, 28 Sep 2000 19:58:24 -0400  
From: Michael Tallent <mtallent@concentric.net>  
MIME-Version: 1.0  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Slow Scan TV  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit  
To: Old Tube Radios <boatanchors@theporch.com>

Andre:

In the beginning it was all tube, 1958 by Cop McDonald at the University of Kentucky.

I designed one of the first sand box monitor circuits.

Mike Tallent W6MXV ex W9HWX

Andr  Guibert wrote:

>  
>                   Bonjour to All  
>                   Did the Radio Hams use tubes or sand boxes to scan/treat  
> Slow Scan Pictures?  
>                   Andre

-----  
Message-Id: <3.0.3.32.20000928211145.00dc75a0@mindspring.com>  
Date: Thu, 28 Sep 2000 21:11:45 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: john <johnmb@mindspring.com>  
Subject: More NRI rig info? New scan.....  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Thanks for the help so far on ID'ing this thing. I guess grid dipping the tank is in order this weekend, as well as some general inspection. I did get a picture of a NRI ad that depicts this rig (It sure looks like the same thing) and included it in the page located:

<http://www.old-radios.com/NRI.html>

Hue mentions that it's a QRP 80M rig, with looks possible...more time under the hood this weekend is in order.

Thanks for the hints so far!

Best  
John

-----  
Message-Id: <4.2.2.20000928203252.0157d100@mail.telalink.net>  
Date: Thu, 28 Sep 2000 20:38:49 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Tom Norris <badger@telalink.net>  
Subject: Heath IG-5280 schematic needed ( CORRECTION )  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

note -- correction on the part number  
Not sure where the "8" went first time....

Not a BA, but used to service BA;s.  
Anyone have a schematic for one of these  
later model RF generators? It is a lot lighter  
than the URM-25, though not as classy...

Thanks

Tom KA4RKT

-----  
Message-ID: <39D3FEB4.969F30BD@execpc.com>  
Date: Thu, 28 Sep 2000 21:30:12 -0500  
From: Joe Eide <jeide@execpc.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: WTB: Collins 51J-2  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello from Wisconsin.

Anyone have a nice 51J-2 for sale or trade?

Would like one with no extra holes, and little or no corrosion and nice front panel.

Thanks,

Joe Eide - KB9R

-----  
Message-Id: <200009290611.e8T6BpT09014@osr506.nanniandjack.com>  
From: listtown@nanniandjack.com (Mail List Owner)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: New Admin Address for Listtown  
Date: Thu, 28 Sep 2000 23:11:51 -0700 (PDT)

Gang-

This is fairly important...

In June I moved to California from the farm in Tennessee.

I have a new address out here, and am not going to be looking in on the jackatac quite as often, so you all will need to re-do the entries in your address books to reflect the change...

I am reachable at:

listtown@nanniandjack.com  
or if something goes wrong  
w4kh@hotmail.com

I will be changing the addresses on the automated reminders and information stacks as soon as I have the opportunity.

Thanks for your attention and good behavior.

Let me know how I can help

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -  
listtown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"  
"Il n'y a que les idiots qui ne changent jamais d'idee"

-----  
To: Old Tube Radios <boatanchors@theporch.com>

Date: Fri, 29 Sep 2000 08:32:44 -0400  
Subject: Dow Key coax relay coil  
Message-ID: <20000929.083247.-378145.0.K4LJH@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
From: Charles T Preston <k4ljh@juno.com>

Hi Group,     Anyone know of a source for replacement coils for  
Dow Key coax relays?     Thanks   Charlie   --   K4LJH

-----  
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<http://dl.www.juno.com/get/tagj>.

-----  
Message-Id: <4.2.2.20000929013453.00a8ee40@127.0.0.1>  
Date: Fri, 29 Sep 2000 01:37:57 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Michael Crestohl <mc@sover.net>  
Subject: "Rainchester" October 6 & 7th, 2000.  
Cc: "Richard Brunner" <rbrunner@gis.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Guys:

Hosstraders at Rochester NH aka Rainchester is October 7th and 8th.

See many of you there!!!

73,

Michael

>"Must be having a pre-senior moment...is "Deerchester", next weekend??"  
> Yes! Actually Friday, Saturday, and Sunday.

-----  
Message-Id: <4.3.1.1.20000929130524.00d308c0@192.168.0.134>  
Date: Fri, 29 Sep 2000 13:18:20 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Chuck Swiger <cswiger@widomaker.com>  
Subject: Items for Sale - TMC URA-28, Halli S77A, Nat'l NC125  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Everyone -

Been doing some housecleaning and need to recover a few cubic feet, pass on some goodies and make room for new stuff. Will list these here before going out to the shark feeding frenzy in the bay:

1) TMC URA-28 Sideband Exciter, looks clean, good tubes, oscillator works with an xtal in it - that's as far as I got w/o schematic and appropriate ps. Comes with a list of pin connections for power supply. Known defects: plastic dial warped and has bulb burns, fibre gear nearly stripped (must be a hot rotor), no tags. Pics up at <http://www.widomaker.com/~cswiger/tmc4sale.html> Maybe restorable if you've a parts unit, or serve as a parts donor for another one. Asking \$125 + shipping.

More on the very clean and working S77A (\$30) and NC125 (\$100) later, lunch is over!

Chuck  
kb4new  
cswiger@widomaker.com

-----  
Message-ID: <39D4D7F1.E4FA297C@corn.cso.niu.edu>  
Date: Fri, 29 Sep 2000 12:57:05 -0500  
From: Steve Berg <z931086@corn.cso.niu.edu>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Dow Key coax relay coil  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Please post the replies on this posting to the list. I e-mailed Dow Key several weeks ago on this, and have yet to get a reply despite their claimed response time.

Steve WA9JML

-----  
Message-Id: <4.2.2.20000929160405.00d0ed20@mail1.telalink.net>  
Date: Fri, 29 Sep 2000 16:13:10 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Tom Norris <badger@telalink.net>  
Subject: Power supply, tubes, etc for sale  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Assorted items for sale

3 each Amperex 866A  
6 each ST-7A/1N2637 solid state rect replacements  
3 each 807A 1 GE, 2 Amperex  
1 each 829A  
all tubes above appear to be unused, but boxes  
( if not fallen apart ) are shelfworn.

Power supply - Lambda LGS-G-28-0V-R-CS  
24-28 volt 45 amp nominal, regulated switcher,  
new output caps. Good for those mil boatanchors  
with big dynamotors. About 50 pounds or so.

Not sure what to ask, reasonable offers accepted

Thanks

Tom Norris KA4RKT  
Manchester, TN

-----  
From: jmccarty@lucent.com (John J Mccarty)  
Date: Fri, 29 Sep 2000 16:23:48 -0500 (CDT)  
Message-Id: <200009292123.QAA06982@nwsgpb.ih.lucent.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Value of a TR-3 with p.s.

Group;

Ive been asked to sell a Drake TR-3 for someone who does not have email. What is the going price for one in fair condition with power supply? The supply is not in the matching speaker cabinet, but it is the Drake supply in a ventilated cover about the size of a loaf of bread. The radio itself was worked on by Drake in 1983, and is in good cosmetic condition except someone added a nine pin "tube" socket to the side at the back corner. This was to interface a qsk adapter, which I have the paper work on along with the original manual, and the adapter itself.

Tnx + 73

John n9hrt  
jmccarty@lucent.com

-----  
Message-Id: <4.2.2.20000929162817.016ffa80@mail1.telalink.net>  
Date: Fri, 29 Sep 2000 16:31:05 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Tom Norris <badger@telalink.net>  
Subject: ST-7A/1N2637 question  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

In a previous message I posted ( for sale )

>6 each ST-7A/1N2637 solid state rect replacements

And have been asked "What do these rectifier plugins  
replace?" by several folks already, only seconds after  
my post. So, is this an 866 replacement brick or some  
other rectifier?

Thanks all!

Tom ( didn't do his research ) KA4RKT

-----  
From: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: ST-7A/1N2637 question  
Date: Sat, 30 Sep 2000 08:45:20 +1000  
Message-ID: <000001c02a66\$f2af9d40\$16188490@vic.bigpond.net.au>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Tom and the list. The ST7A/1N2637 will replace the following : 3B28,249B,866



and 866A but surge and voltage limiters may be needed  
Brian Goldsmith.

In a previous message I posted ( for sale )

>6 each ST-7A/1N2637 solid state rect replacements

And have been asked "What do these rectifier plugins  
replace?" by several folks already, only seconds after  
my post. So, is this an 866 replacement brick or some  
other rectifier?

Thanks all!

Tom ( didn't do his research ) KA4RKT

-----  
Message-Id: <3.0.5.32.20000929174511.007b6a00@pop.igc.org>  
Date: Fri, 29 Sep 2000 17:45:11 -0700  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Dick Dillman <ddillman@igc.org>  
Subject: Re: Racal ravings  
Cc: boatanchors@theporch.com  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 10:09 AM 9/28/00 -0500, you wrote:

>I was fortunate to adopt a Racal RA-17L this past week. No, it was not a  
>garage sale special, it cost the Earth (and moon) 'cuz it came from across  
>the big muddy, but hey, when you want one....

Hah! Tell me about it, man. I myself made a special trip to Johns Radio  
in Leeds in 1994 to pick out my very own RA-17L and have it shipped back  
home. Now I'm crating it for a return journey to the UK for a complete  
overhaul by a guy with the knowledge and the tools to do it.

Yes, it will cost the Earth, as you say, but there will soon come a time  
when \*no one\* will be able to provide such service and I hope to be using  
the RA-17L well into my dottage.

>Set is in overall very nice condx, I have not had to touch anything (yet).  
>It appears to have a weak section in the RF amp (a dual triode), but that  
>may be my tester. This is the British version, so all of the tooobs have  
>real funny numbers. They are designated "cv-xxxx", but are readily crossed

>to standard Euro types, e.g., ECC189 and so on. Most but not all have  
>American equivalents. Total of 24 toobs.

Right, exactly what I have had to deal with as well. Let me know if I can help with checking for equivalents.

>This is the original Wadley loop set. I've got a Yaesu Frog-7, enjoy it,  
>and figured a toob Wadley loop would be just the ticket. My initial  
>impressions are very positive.

Yeah, I have FRG-7 as well and while they share the Wadley loop I'm sure you will agree they are in different classes.

I have a lot of receivers around here and I must say the RA-17L is my hands down favorite for everything except AM (where the RCA AR-88LF takes the medal). I also have the SSB (and LF) adapter so I expect it will be my primary radio when it returns.

> It is a 4.5 ft mylar scale  
>(looks like 35 mm film), yielding a total tuning strip of 145 ft across all  
>bands. The scaling is linear and DEADBANG accurate.

Yes! Oh, gawd, that mylar scale is just the absolute end. So great.

>The only weak point of the overall design is the audio output,

Weak Point? Did you say weak point, sir? I'm afraid I may have to ask you to step outside!

No, but seriously, like many military receivers the RA-17L is intended to drive a line for the "end user" of the audio while the speaker is just for the knob twiddler in the receiver room. But this of course you know. Shall we both keep alert for a proper British valved amplifier to go with our receivers?

>Antenna connex is UHF, but other connections are weird Brit things.

I suspect this must have been added as mine has the Brit connectors. The hardest thing to find was the AC connector. The entire saga of my RA-17L adventure appeared in Electric Radio several issues back if you're interested.

>In an informal shootout, it appears to approach the performance of my 390  
>(non-A) closer than any other set I have, in virtually all respects. At  
>present it seems a bit less sensitive (certainly on the narrower  
>bandwidths) but it's a 40-year-old set that hasn't been tweaked in who  
>knows how long. A handsome stylish unit with extremely high pleasure  
>rating as a band cruiser.

Ah! I could not have said it better myself. Plus you have the pleasure of observing the \*cast aluminum\* chassis when you peek under the hood and, for those of us who live active fantasy lives, the opportunity to wonder about its past. Several RA-17Ls at Johns still has the "On Her Majesty's Service" tags attached!

"I see you are impressed by my Wadly loop, my dear. The name is Bond..."

Best of luck with your radio! Please keep us posted as the romance progresses.

Vy 73,

Dick/"RD"

Dick Dillman, W6AWO  
Member of the Maritime Radio Historical Society  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

-----  
Message-Id: <200009300352.XAA13186@tisch.mail.mindspring.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Date: Fri, 29 Sep 2000 23:50:07 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Allen Cutts <cacutts@mindspring.com>  
Subject: WTB Viking II Modulation Transformer

Hi All,

Like the subject line says, I'm in need of a modulation transformer for my Viking II. If you got one you would like to sell off an old junker please let me know.

Thanks much,

Allen Cutts  
N4OZI

-----  
Message-ID: <005301c02ac9\$8c173c60\$fa6036cb@me>  
From: "Steve Hill" <shill@onaustralia.com.au>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: web page  
Date: Sat, 30 Sep 2000 20:31:08 +1000

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Attention Radio Lovers,

Just a note to let you all know that my web page has been completely revised and can be seen at the new address <<http://www.qsl.net/vk4czt/>>.

There are several new radios added, internal photographs of most and more detailed information.

Feedback is most welcome

Best 73s

-----  
Steve Hill VK4CZT  
Brisbane Australia  
Home <[shill@onaustralia.com.au](mailto:shill@onaustralia.com.au)>  
Work <[shill@digilin.com.au](mailto:shill@digilin.com.au)>  
Visit my military radio page  
<<http://www.qsl.net/vk4czt/>>

-----  
Date: Sat, 30 Sep 2000 13:27:19 -0400 (EDT)  
From: cswiger <[cswiger@wilma.widomaker.com](mailto:cswiger@wilma.widomaker.com)>  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
Subject: One more surplus item: Measurements Corp. Model 59 GDO  
Message-ID: <Pine.BSF.3.96.1000930131420.17172A-1000000@wilma.widomaker.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang -

One more item for sale: Boonton Measurements Corp. Model 59 Megacycle Meter, 2-420 Mc/s with machine coils but is MISSING the 100-250 Mc/s coil (so you can't use it with your vintage 2mtr gear :)) In fine working shape, all wrinkle finish intact w/ a couple of small paint spots. Asking \$59. I've two of these, idea was to have one for parts but decided it would be worth more in someone else's hands. Nice big meter lets you see the smallest of dips. Can make Xerox copies of manual which is also a great tutorial on it's many uses.

Pictures posted at

<http://www.widomaker.com/~cswiger/model59.html>

It looks much better in person w/o the flash glare!

Chuck  
kb4new  
cswiger@widomaker.com

-----  
From: CEMILTON@aol.com  
Message-ID: <5a.b5f481b.27077d74@aol.com>  
Date: Sat, 30 Sep 2000 13:31:32 EDT  
Subject: WTB: Transformer  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Need help locating the power transformer or the entire PS module (condition unimportant) for the RS-6 "survival" radio. My restoration of this mini-anchor is nearly complete and would like to return the PS to original condition to complete the project. Please contact me directly if you can help.

73  
Chuck Milton  
W4MIL  
Palm Coast, FL

-----  
Message-ID: <003c01c02b14\$ac5d2660\$13f9cdd0@fpfzqlga>  
From: "Don Ehrlich" <ehrich@olypen.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Buy/Trade For 1KW Johnson Transmatch  
Date: Sat, 30 Sep 2000 12:28:09 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have the small Transmatch that is good for about 275 watts (thats INPUT power to the final amp!) and really love the way these true balanced tuners work on balanced lines, even though they are for 80-10 meters only. I need to replace it with the 1 KW model ( that is really about 500 watts antenna power) and hope someone may have one for me. I would be happy to trade in the smaller tuner as part payment of course.

Don K7FJ

-----  
Message-ID: <000b01c02b19\$241b0060\$62c66ac6@oemcomputer>  
From: "Hue Miller" <kargokult@proaxis.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: stray Knight meter  
Date: Sat, 30 Sep 2000 13:00:51 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a Knight meter, black housing 2-5/8 x 2-9/16 OA,  
with dual scale 0-200, 0-20, and heavily damped. What is  
this from? Is this item important to anyone? (and yes,  
should be called "instrument", not "meter", but who  
would know that?)  
Tnx, Hue Miller

-----  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Sat, 30 Sep 2000 14:13:39 -0700  
Subject: FS Vacuum variable  
Message-ID: <20000930.141343.-313319.0.K6KWQ@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
From: dick a george <k6kwq@juno.com>

Vacuum variable with puller and turns counter dial. 300pf 7.5KV Jennings  
UCS type. I will pay shipping CONUSA UPS \$120.00

K6KWQ@JUNO.COM  
EX WA6JOX  
12 VOLT RADIOS ARE FOR SISSEYS  
REAL RADIOS CAN KILL YOU

-----  
YOU'RE PAYING TOO MUCH FOR THE INTERNET!  
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Try it today - there's no risk! For your FREE software, visit:  
<http://dl.www.juno.com/get/tagj>.

-----  
From: "Richard W. Solomon" <w1kszt@tiac.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Need Help on Triplett 630-PL  
Date: Sat, 30 Sep 2000 17:44:42 -0400

Message-ID: <LOBBJFMMJJCIMDIAGBJLKECJFCAA.w1kszt@tiac.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I picked up a nice Triplett 630-PL, except the meter needle tends to stick at the very end of the scale (max deflection). I looked inside the movement (carefully) but nothing evident.

Any suggestions ?

Failing that, anyone want it for \$25 plus UPS ?

73, Dick, W1KSZ

-----  
Date: Sat, 30 Sep 2000 18:10:06 -0400 (EDT)  
From: MODSTEPH@ACS.EKU.EDU  
Subject: Need Ranger II info, please!  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <01JUSKD22P02005AYG@ACS.EKU.EDU>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

Gang:

Finally got to a Ranger II that has been waiting in my Projects Pile. Question: what is the tube line-up in the Ranger II? I see most quite similar to the Ranger, but this has the keying circuit added, plus at least one more tube than the Ranger, close to the DRIVE control variable capacitor. So: what tubes go where, (this one missing most), where are the differences from the Ranger?

And if anyone has a schematic for the thing which they can spare, I'd certainly appreciate it. I'll of course cover copying and mailing costs.

Thanks!

73, Al N5AIT

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From: "Don Ehrlich" <ehrllich@olypen.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "boatanchor message" <boatanchors@theporch.com>

Subject: Re: Buy/Trade For 1KW Johnson Transmatch

Date: Sat, 30 Sep 2000 16:04:08 -0700

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> I believe you are mistaken. The 275 watts was for carrier output to the  
> tuner and the PEP would be 4Xcarrier output watts.

I don't think so. The manual is not specific on this at all ... until you read the body of the text where it states "275 watts input power to the final amplifier." It implies that the 275 watt unit is for rigs up to and including the Valiant, and the 1 KW unit is for the bigger Johnson rigs.

>

> I use one of the 275 watt matchboxes on my HB open feeder, 75 meter doublet

> on all the bands. Works very well with my Johnson Thunderbolt amp, but I do

> tune everything up at low power levels.

Others have told me basically the same time. I will try it after careful tuneup at low power. I have been a little gun shy since hearing it sizzle inside at 150 watts or so on 80 meters, but maybe that was just dirty switches that I should be cleaning up. Also, if I still have trouble at high power I can adjust the impedance of the transformer either up or down as needed using a transformer to bring either current or voltage into the range that the tuner can handle.

I can see that the tuner is conservatively built and should be good for quite a bit of power. The weakness in most tuners (the ones that use switches to change taps on a coil) is in the switch itself, either arcing due to high voltage or melting those wimpy wiping contacts at very high currents. The Johnson matchbox didn't look much more robust in its switch than others that I have seen fried ... so I was a little worried about trying higher power.

Thanks for the info.

Don K7FJ

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End of BOATANCHORS Digest 2998

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